SYSTEM AND METHOD FOR INTERLEAVING COMPRESSED AUDIO/VIDEO (A/V) DATA FRAMES

ABSTRACT OF THE DISCLOSURE

Streaming audio and video (A/V) transmissions have become commonplace due to increasing data rates available over modern computer networks, and should occur at real-time or near real-time so that the user perceives an intelligible audio or video image. Lost or late frames can result in interference or distortion, and may be perceived as a "blip" or "pop" in the output sound or image. Wireless networks are particularly susceptible to such interference. Interference can be reduced by receiving a stream of symbols, arranging the symbols in a series of frames, and interleaving the symbols in one of the frames with symbols in an adjacent one of frames in the series of frames. In this manner, a frame that is dropped or arrives late over the wireless communication link will result in less distortion because some of the symbols will be available from the adjacent frames.